BRUHAT BANGALORE MAHANAGARA PALIKE

FORM PWG -45 WORK SLIP STATEMENT

Name of the Work: Drilling of Borewells, Installation of Pump and motors, Providing pipeline and additional motor pumps and necessary accessories to existing borewells in ward no. 06

Sanctioned Estimate Amount: Rs. 45,000,000.00

Sanctioned Tender Amount: Rs. 41,775,710.00

Operative Tender Premium 3.99% Above

Name of the Contractor: M/s Sathya Borewell Cleaning

Sl. No	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc	Each BW	41.00	1938.46	79476.86	41.00	4228.00	173348.00	47.00	47.00	4228.00	198716.00	0.00	4228.00	0.00	198716.00	25368.00	-
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 0 to 50 m	Rmtr	2050.00	315.18	646119.00	2050.00	389.00	797450.00	2350.00	2350.00	389.00	914150.00	0.00	389.00	0.00	914150.00	116700.00	

Scanned by TapScanner

Sl. No	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
3	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 50 to 100 m	Rmtr	2050.00	412.00	844600.00	2050.00	496.00	1016800.00	2350.00	2350.00	496.00	1165600.00	0.00	496.00	0.00	1165600.00	148800.00	-
4	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 100 to 150 m	Rmtr	2050.00	458.35	939617.50	2050.00	511.00	1047550.00	2350.00	2350.00	511.00	1200850.00	0.00	511.00	0.00	1200850.00	153300.00	-
5	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 150 to 200 m	Rmtr	2050.00	484.10	992405.00	2050.00	601.00	1232050.00	2350.00	2350.00	601.00	1412350.00	0.00	601.00	0.00	1412350.00	180300.00	-

Scanned by TapScanner

Sl. No	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
6	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budem upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 200 to 250 m	Rmtr	2050.00	560.32	1148656.00	2050.00	711.00	1457550.00	2250.00	2250.00	711.00	1670250.00	0.00	711.00	0.00	1670250.00	212700.00	
7	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budem upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 250 to 300 m	Rmtr	2050.00	600.49	1231004.50	2050.00	785.00	1609250.00	2250.00	2250.00	785.00	1846750.00	0.00	785.00	0.00	1846750.00	237500.00	
8	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budem upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 300 to 350 m	Rmtr	2050.00	622.00	1275100.00	2050.00	2500.00	5125000.00	2300.00	2300.00	2500.00	5750000.00	0.00	2500.00	0.00	5750000.00	625000.00	
			4100.00	1393.59	5715971.50	4100.00	1250.00	5125000.00	1850.00	6162.50	1250.00	7703125.00	1462.50	1250.00	1828125.00	13531250.00	2406250.00	
11	Providing and fixing 250mm dia PVC pipe and as per specification and directions.	Rmtr	41.00	1003.00	41123.00	41.00	1015.00	41615.00	47.00	47.00	1015.00	47705.00	0.00	1015.00	0.00	47705.00	6090.00	
12	175 mm dia M.S. Casing cap	Each	41.00	1003.00	41123.00	41.00	1015.00	41615.00	47.00	47.00	1015.00	47705.00	0.00	1015.00	0.00	47705.00	6090.00	

Scanned by TapScanner

Sl. No	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
14	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm	Sqm	902000.00	0.33	297660.00	902000.00	0.33	301628.80	1034000.00	1034000.00	0.33	345769.60	0.00	0.33	0.00	345769.60	44140.80	
15	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m)	Each	2050.00	92.00	188600.00	2050.00	92.00	188600.00	2228.00	2228.00	92.00	204976.00	0.00	92.00	0.00	204976.00	16376.00	
25	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.5HP 30 Stage	No	30.00	72126.00	2163780.00	30.00	72500.00	2175000.00	41.00	37.00	72500.00	2682500.00	4.00	72500.00	290000.00	2972500.00	797500.00	
34	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cum	6420.60	316.94	2034944.96	6420.60	318.00	2041750.80	8622.00	8025.75	318.00	2552188.50	596.25	318.00	189607.50	2741796.00	700045.20	

Scanned by TapScanner

	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
35	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete	Mtr	14268.00	394.32	5626157.76	14268.00	395.00	5635860.00	19160.00	17835.00	395.00	7044825.00	1325.00	395.00	523375.00	7568200.00	1932340.00	
36	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications	Cum	6420.60	128.26	823506.16	6420.60	129.16	829290.47	8622.00	8025.75	129.16	1036613.09	596.25	129.16	77012.19	1113625.28	284334.81	
	TOTAL				40172815.20			41775710.55				40280273.71			1261869.69	41542143.40	5221261.85	

Percentage of excess comparing to the sanctioned Estimated cost = $\frac{5221261.85}{41775710.55}$ **x 100 = 12.50 %**

Agency

AE
Project Division

AEE
Project Division

Executive Engineer
Project Division

ಮುಖ್ಯ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

Scanned by TapScanner